

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 July 2005 (14.07.2005)

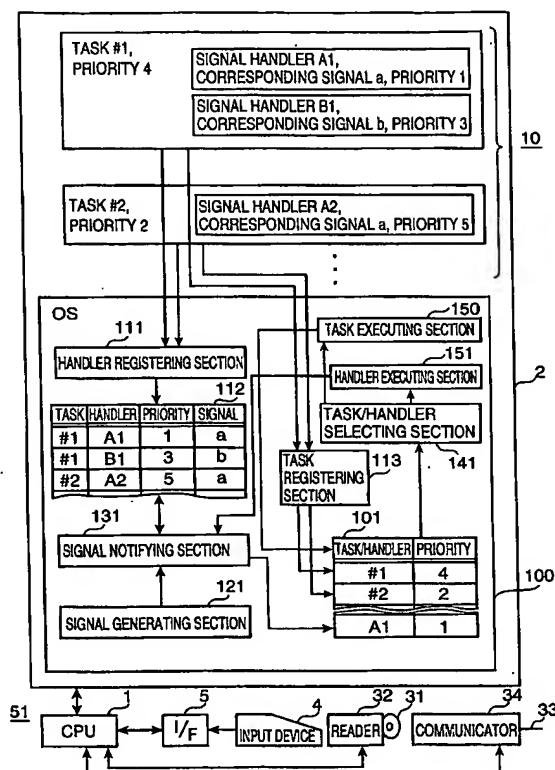
PCT

(10) International Publication Number
WO 2005/064463 A1

- (51) International Patent Classification⁷: **G06F 9/46**
- (21) International Application Number: **PCT/JP2004/019737**
- (22) International Filing Date:
24 December 2004 (24.12.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2003-433106 26 December 2003 (26.12.2003) JP
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): **ARIPO (BW, GH,**

[Continued on next page]

(54) Title: **TASK SCHEDULING APPARATUS, METHOD, PROGRAM, STORAGE MEDIUM AND TRANSMISSION MEDIUM FOR PRIORITIZED SIGNAL HANDLER SCHEDULING**



(57) Abstract: Each task #1, #2 registers signal handlers belonging thereto in a signal-handler table 112 through a handler registering section 111 in an OS 100, and registers itself and the priority thereof in a task/handler priority table 101 through a task registering section. When a signal is generated, a signal notifying section 131 specifies a signal handler corresponding to the signal and the priority thereof by referring to the signal-handler table 112, and a task/handler selecting section 141 selects a task or signal handler having a highest priority in the task/handler priority table 101. A task executing section 150 executes the selected task and a signal-handler executing section 151 executes the selected signal handler.



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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